



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masayuki KAMON et al.

Group Art Unit: 3661

Application No.: 10/691,668

Examiner: M. Marc

Filed: October 24, 2003

Docket No.: 117611

For: POSITIONING DATA CALCULATING PROCEDURE, POSITIONING DATA
CALCULATING APPARATUS AND ARTICULATED MANIPULATOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits after the filing of a Request for Continued Examination under 37 CFR §1.114. No certification or fee is required.
- ☒ 2. English-language Abstracts of the non-English language references are attached hereto.
- ☒ 3. A computer-generated English translation of the following Japanese reference(s) has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See Reference 3.

Respectfully submitted,

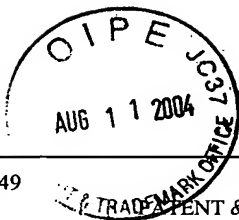
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JAO:MQB/ale
Date: August 11, 2004

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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>

Sheet 1 of 1Form PTO-1449
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PATENT & TRADEMARK OFFICEATTY DOCKET NO.
117611APPLICATION NO.
10/691,668

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Masayuki KAMON et al.FILING DATE
October 24, 2003GROUP
3661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	US 2003/0010148A1	01/16/2003	Okamoto et al.		
	2	US 2004/0129103 A1	07/08/2004	Kamon et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	3	JP 2003-025269 (w/English-language Abstract and translation)	01/29/2003	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	4	ROBOTICS (revised edition), Vector Analysis of Mechanical System, (pages 152-155), Shigeo Hirose. (w/English-language translation)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: August 11, 2004